

Serial No. 10/636,167
Art Unit: 2828

IN THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application.

1. (Previously presented) A mounting arrangement for a laser source and at least one auxiliary electrical component associated therewith, said laser source and said auxiliary electrical component being mounted on a general plane of extension of a submount, wherein said at least one auxiliary electrical component is mounted on said submount so that a longest dimension of said at least one auxiliary electrical component is at least substantially orthogonal to said general plane of said submount.
2. (Previously presented) The mounting arrangement of claim 1, wherein said auxiliary electrical component is a bias inductance for said laser source.
3. (Previously presented) The mounting arrangement of claim 1, wherein said laser source has a lasing direction and said auxiliary electrical component is displaced laterally with respect to said lasing direction of said laser source.
4. (Previously presented) The mounting arrangement of claim 3, wherein said laser source includes front and back lasing facets aligned along said lasing direction, said auxiliary electrical component has a surface exposed to radiation from said back facet of the laser source, and in that said surface is tilted laterally with respect to said lasing direction so that radiation from said laser back facet along said lasing direction is reflected away from such direction.
5. (Previously presented) The mounting arrangement of claim 1, wherein said at least one auxiliary electrical component is mounted onto said submount by means of conductive glue.
6. (Previously presented) The mounting arrangement of claim 1, wherein said at least one auxiliary electrical component is in the form of an SMD component.

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7. (Previously presented) The mounting arrangement of claim 1, further comprising an electrically conductive area or pad onto which both said laser source and said auxiliary electrical component are mounted.

8. (Previously presented) The mounting arrangement of claim 1, further comprising an electrically conductive area or pad for mounting said laser source as well as a driver for said laser source, and in that said submount has an outer surface and a recess recessed with respect to said outer surface, wherein at least part of said laser driver is arranged in said recess so that the driver has an end surface extending from the recess substantially flush with said conductive pad for mounting said laser source.

9. (Previously presented) A mounting arrangement comprising:
a laser source;
at least one auxiliary component associated with said laser source, said at least one auxiliary component having a major dimension;
a submount having a general plane of extension, an outer surface and a recess recessed with respect to said outer surface;
an electrically conductive area or pad for mounting said laser source; and
a driver for said laser source,
wherein said laser source and said auxiliary component are mounted on said general plane of extension of said submount, and said at least one auxiliary component is mounted with said major dimension substantially orthogonal to said general plane of said submount, and
wherein at least part of said laser driver is arranged in said recess so that the driver has an end surface extending from the recess substantially flush with said conductive pad for mounting said laser source.

10. (Previously presented) A mounting arrangement comprising:
a submount having a general plane of extension; and
a laser source, and at least one auxiliary component associated with said laser source;

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wherein said laser source and said auxiliary component are mounted on said submount,
wherein said at least one auxiliary component is mounted on said general plane of
extension of said submount so that a longest dimension of said at least one auxiliary component
is at least substantially orthogonal to said general plane of said submount,

wherein said laser source has a lasing direction and said auxiliary component is displaced
laterally with respect to said lasing direction of said laser source, and

wherein said laser source includes front and back lasing facets aligned along said lasing
direction, said auxiliary component has a surface exposed to radiation from said back facet of the
laser source, and in that said surface is tilted laterally with respect to said lasing direction so that
radiation from said laser back facet along said lasing direction is reflected away from such
direction.